



United States Department of the Interior
National Business Center
Alaska Region/Aviation Management
4405 Lear Court
Anchorage, Alaska 99502-1032



AM OPERATIONAL PROCEDURES MEMORANDUM (OPM) NO. 06-AR-11

Subject: Fuel Quality Control/Fuel Site Inspection

Effective Date: February 1, 2006

Supersedes: January 5, 2005

Distribution: A and B

Expiration Date: December 31, 2006

.1 Purpose. This OPM establishes procedures and requirements for Department of the Interior (DOI) aviation fueling operations. These procedures are applicable to all DOI bureaus that provide fuel or fuel servicing to Department-owned, leased, contract or rental aircraft.

.2 Standards for Fueling Operations. Fueling equipment and personnel will meet the standards set forth in the Aviation Management (AM) "Aviation Fuel Handling Handbook" 351 DM 1.

.3 Ordering and Transportation. When aviation fuel is ordered, the following procedures shall be followed prior to delivery:

A. Bureau personnel receiving fuel shall assure, through visual checks, tests and inspections by persons trained in basic fuel handling procedures, that the fuel is the proper grade and quality. If an agency does not have personnel trained in basic fuel quality control and inspection procedures, the AM Alaska Region Fuel Specialist shall be notified for assistance.

B. Bureau flight crews shall assure the grade of fuel ordered is the grade loaded aboard the aircraft.

.4 Fuel Site Inspection. AM personnel will conduct inspections of fuel sites to ensure compliance with the "Aviation Fuel Handling Handbook." Inspections will be performed on a random schedule. Fueling operations will be suspended where DOI safety standards are not met.

.5 Fuel Sampling Procedures.

A. Unused, clean, 1-gallon containers are preferable. Containers may be reused if they are thoroughly flushed or rinsed with the product to be sampled.

Note: A quantity of 1 gallon is essential to enable laboratory technicians to perform a full-range of tests.



B. Sampling Techniques.

(1) Barrel. All samples should be taken from the nozzle of a barrel pump operated at its normal flow rate and pressure.

(2) Tank Truck/Trailer/Rolligon and Bladder Bulk Storage Tanks. All samples for the above types of containers shall be taken from the nozzle with the pump running.

(3) Aircraft Wing Tanks. All samples will be taken under the direct supervision of the pilot and/or crewmember.

C. Sampling Container/Product Identification. Each container shall be marked or tagged as follows:

(1) Grade of fuel, e.g., 100/130 Avgas, Jet-A, Jet-B, JP-4, etc.

(2) Source and location represented, e.g., 1,200-gallon Ford Tank truck at McGrath or 7,000-gallon Avgas tank at Bettles, etc.

(3) Name and phone number of the person taking sample.

(4) How sample was collected, e.g., from nozzle, tank fill port, etc.

(5) Any additional information, such as suspicion of fuel being a mixture (comingling) of Avgas and turbine fuel or having other effects. Note this information on tag or container.

D. Forwarding of Samples. Samples should be forwarded to:

Aviation Management /Alaska Region
4405 Lear Court
Anchorage, Alaska 99502-1032

Contact: Charles Mathwig at 271-3728, Anchorage, Alaska.

.9 Hazardous Material Regulations. All samples shall be shipped in accordance with packaging, labeling and transportation requirements as stipulated in 49 CFR.

Recommend Approval:

Approved:

/s/ Harry J. Kielsing, Jr.
Regional Director

/s/ Mark Bathrick
Associate Director